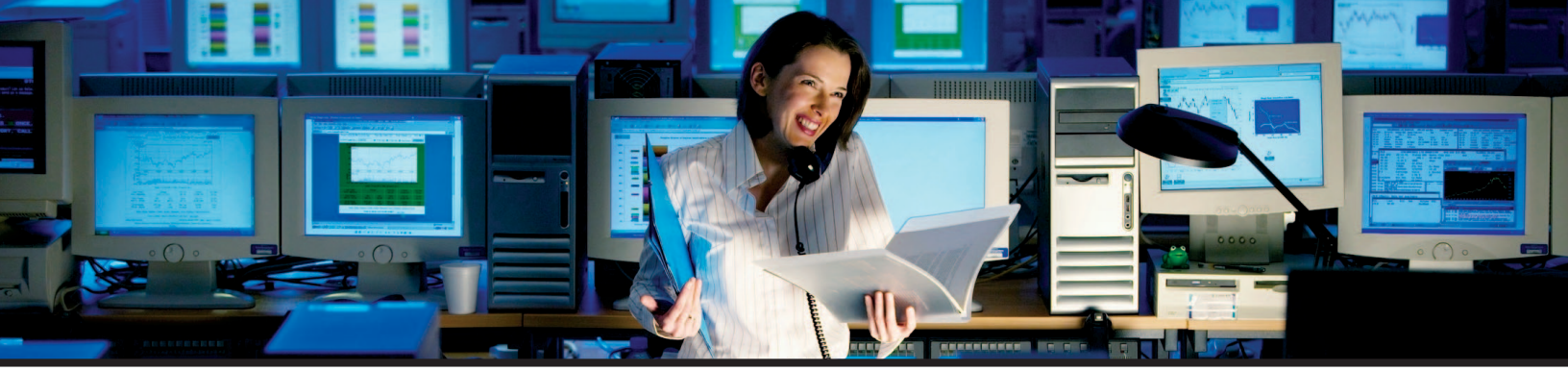
NetReach™ XC Aerial Series

Integrated Cross Connect Solution

EMERSON™
Network Power



Key Features

- Pole-mounting bracket permits easy installation
- Stabilizer braces to maintain pole position
- Climb-assist handles for safety
- Top or bottom entrance ports for aerial or buried cables
- Equipped with RLS50 IDC terminal blocks for fast and easy pair-at-a-time no-strip jumpering
- High dielectric potting compound expands and contracts with temperature variations
- Three-point locking system provides cabinet security
- Overhanging rain guards, closed-cell neoprene door gasketing, and screened louvers keep out moisture, minimize condensation, provide weather protection, and restrict insect entry
- UltraCab® drop-down block-field provides easy, complete access to splice chamber
- Designed to meet Telcordia GR-3115-CORE specification

Description

The NetReach™ XC Aerial Series, formerly Aerial UltraCab®, is an integrated interface system consisting of a housing, terminal field, and cable to provide the interface between feeder and distribution cables. The cabinet is manufactured of light weight aluminum for easy installation and maintenance. Tin-plated screws and washers on binding post blocks prevent corrosion for longer and quieter life. The unit is available up to 2700 pair utilizing 50-pair RLS IDC (Insulation Displacement Connection) terminal blocks.

Application

The Aerial Series is designed to be pole-mounted with cable ports located at either the top or bottom. They are used in applications requiring up to 2700 pairs of terminations.

Specifications & Dimensions

Pair Range	Terminal Housing Dimensions			Terminal Housing Block Configuration		Max. Cable Ports
	H	W	D	Across	Down	
100-400	33-in.	16-in.	14-in.	2	4	1
500-900	44.5-in.	24-in.	14-in.	3	6	2
1000-1200	44.5-in.	32.5-in.	14-in.	4	6	3
1300-1800	62-in.	32.5-in.	14-in.	4	9	3
1900-2700	62-in.	45.5-in.	14-in.	6	9	4

Ordering Matrix – FSR Model

Aerial Cross-Connect Type	FSRS	= Field splice, RLS-type*
	FSRB	= Field splice, CQF-type* (manufacturer discontinued)
Pair Count	400	= 400 pair
	600	= 600 pair
	900	= 900 pair
Port Location for Field Splice	A	= Field splice, stubless, top entry
	U	= Field splice, stubless, bottom entry
Field Splice Connector Modules*	CF	= 710 connector, capless, female, gel-filled
	3M	= 3M 4000-D, dry, (MS2)
	DPM	= 3M 4005-DPM, dry, (MS2)
	blank	= Field splice harness, no connectors (FS)
Color	W	= White
	blank	= Green

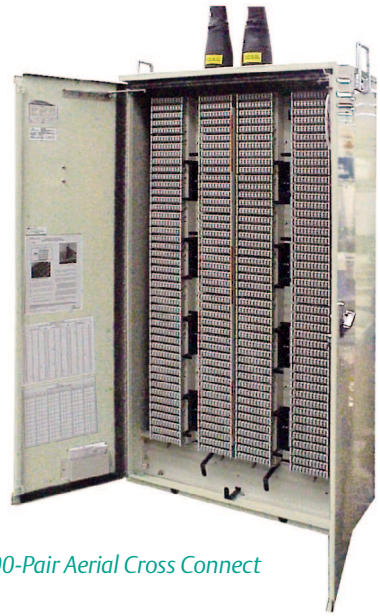
*Field splice cabinets have 25-pair harnesses exiting from the rear of the blocks. The 25-pair connector modules are typically installed at the end of internal wire bundles.

400-Pair Aerial Cross Connect

Ordering Matrix – FSAD Model

Stub Connection	FS	= Field splice*
	blank	= Factory pre-stubbed (manufacturer discontinued)
Housing Type	AD	= Aerial Drop-Down UltraCab
Block Type	CQF	= Binding post (manufacturer discontinued)
	RLS	= IDC
Total Pair Count	1200	= 1200 pair
	1500	= 1500 pair
	1800	= 1800 pair
	2700	= 2700 pair
Port Location for Field Splice	A	= Field splice, stubless, top entry
	U	= Field splice, stubless, bottom entry
Splicing Connector*	CF	= 710
	CBM	= 40005CBM
	3M	= 4000D, dry
	blank	= Raw harness
	DPM	= 40005DPM
Color	G	= Green
	W	= White

*Field-splice cabinets have 25-pair harnesses exiting from the rear of the blocks. The connector modules are installed at the end of the harness.



1200-Pair Aerial Cross Connect

EmersonNetworkPower.com

EmersonNetworkPower.com/EnergySystems (North America)

© Emerson Network Power, Energy Systems, North America, Inc. 2014.

Business-Critical Continuity™, Emerson Network Power™, the Emerson Network Power logo, Emerson™ and Consider it Solved are service marks and trademarks of Emerson Electric Co. EnergyMaster™, eSure™, NetPerform™, NetReach™, NetSpan™, NetSure™ and NetXtend™ are trademarks of Emerson Network Power, Energy Systems, North America, Inc. Any other product, brand, or company names or logos are the property of the respective owner.

011900B-NRXCA / 1214

While every precaution has been taken to ensure accuracy and completeness herein, Emerson Electric Co. assumes no responsibility, and disclaims all liability, for damages resulting from use of this information or for any errors or omissions. Specifications subject to change without notice.

EMERSON. CONSIDER IT SOLVED™